Amendments to the Specification:

Please replace the paragraph spanning page 2, line 21 through page 3, line 13 as follows:

However, if the ATM communication is adapted between the base station controller and the base stations, from the point of view of the efficiency and the cost, it is unrealistic that the ~~cannel~~ channel capacity of communication paths are provided based on the maximum traffic. In general, the channel capacity is determined in accordance with an average traffic and the maximum number of traffic channels. The channel capacity is then efficiently utilized by controlling a bandwidth of the communication paths such that signals to be transmitted are classified into two service categories, e.g.; priority traffic and non-priority traffic. Since packets on the application layer are reassembled from ATM cells on the ATM layer, the delay of packet communications tends to occur in the non-priority traffic in comparison with the priority traffic. Consequently, for example, transmission signals such as transferring data that requires no real-time transmission can be classified into non-priority traffic and transmission signals such as voice communication that requires real-time transmission can be classified into priority traffic.

Please replace the paragraph on Page 13, lines 5 through 25 as follows:

The base station controller 1 performs a bandwidth-securing manner (PP1) comprised of steps RR2, RR3 and RE2 and RE3 to secure a hand-off exclusive bandwidth for packet communications. In the bandwidth-securing manner (PP1), the base station controller 1 first sends bandwidth-securing requests (RR2 and RR3) to the base stations 3 and 4 respectively. In response to the reception of the bandwidth-securing request (RR2), the bandwidth controller 22 of the base station 3 makes the soft hand-off bandwidth assign equipment 21 secure the hand-off

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exclusive bandwidth for the mobile station 4. Similarly, in response to the reception of the

bandwidth-securing request (~~RR2~~ RR3), the bandwidth controller 22 of the base station 2 makes

the soft hand-off bandwidth assign equipment 21 secure the hand-off exclusive bandwidth for the

mobile station 4. The base stations 2 and 3 report a termination of securing the hand-off

exclusive bandwidth to the base station controller 1 respectively (RE2 and RE3).

Simultaneously, the normal communication bandwidth, which the mobile station 4 has been used

to communicate with the base station 2 before the soft hand-off procedure, is canceled and

released as a vacant bandwidth for other communication.

Please replace the paragraph on Page 21, lines 6 through 18 as follows:

When the mobile station 8 approaches a boundary between service areas E1 and E2

(namely, the middle of the arrow M2 shown in Fig. 3), the hand-off controller 43 of the base

station 5 decides to perform the soft-handoff procedure between the base stations 6 and 7 (SP00).

The base station controller 5 sends a hand-off request signal to the base station 7 in order to

secure hand-off resources necessary for the soft-handoff procedure (RR10). The base station 7

sends a response to the base station controller 5 in response to the hand-off request signal

(RE10). The communication between the base station controller [[1]] 5 and the base station

[[3]] controller 7 is performed via the communication line ~~C2~~ C3 in accordance with the ATM

communication procedure.

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Please replace the paragraph spanning page 22, line 15 through page 23, line 7 as follows:

By using the common hand-off exclusive bandwidth, the base stations 6 and 7 can simultaneously receive the ATM cells sent by the base station controller 5. Consequently the mobile station 8 can accurately perform site diversity (CS20). The mobile station 8 measures received powers of the pilot signals sent via the radio channels ~~WL1~~ WL3 and ~~WL2~~ WL4, and reports the results of the measurements to the base station controller 5 through the base station 7 as a measuring result message (PM20). In response to the reception of the measuring result message, the base station controller 5 sends an acknowledge signal to the mobile station 8 (RA20). ~~Base~~ Based on the received power of the pilot signal of the base station 7, the base station controller 5 recognizes that the mobile station 8 completely enters the service area E4 (the end EP of the arrow M2 as shown in Fig. 3). If the received power of the base station 7 exceeds a predetermined threshold level, the base station controller 1 thus makes the base station 6 stop to transmit the radio signal to the mobile station 4 (SP10). That is, the mobile station 8 continues to communicate with the only base station 7.

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